

The title of the poster is:

Rapid detection of Antimicrobial resistance by Immuno-magnetic separation.

Abstract:

COVID-19, VIH, Antimicrobial Resistance (AMR).. They evidence the need for simple and fast diagnostic tools which at the same time are sensitive and specific.

The current bacteriology gold standard procedures rely on the classical techniques, which mostly provide results in 48h (biochemical tests, selective media, antibiograms ...)

At NG Biotech, we develop and commercialize Lateral Flow Immunoassay (LFIA) tests **NG-Test CARBA 5, NG-Test CTX-M Multi**, which detect the mechanisms of resistance, from colonies and from positive blood cultures.

The use of magnetic particles (MP) shows potential for the detection of AMR with LFIA directly from positive samples (Positive blood cultures, positive urines etc) in a simple, fast, sensitive and specific way. (2,3)

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